BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT41729

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/01/2020-21, Date: 05.05.2020

Name of Work:Drilling of Borewell, Providing and Installing Pump, Motor and other accessories at Virupakshapura, Doddabommasandra, Thindlu, Vidyaranyapura areas in Ward No. 09 (Vidyarnayapura), Vidyaranyapura sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of GOPINATH REDDY ( )	
				In Figures	In Words
1	4	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW	3448.0	Rupees Three Thousand Four Hundred Forty Eight Only
2	200	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour	Rmtr	318.0	Rupees Three Hundred Eighteen Only
3	200	50 to 100 m	Rmtr	404.0	Rupees Four Hundred Four Only
4	200	100 to 150 m	Rmtr	417.0	Rupees Four Hundred Seventeen Only
5	200	150 to 200 m	Rmtr	490.0	Rupees Four Hundred Ninety Only
6	200	200 to 250 m	Rmtr	580.0	Rupees Five Hundred Eighty Only
7	200	250 to 300 m	Rmtr	641.0	Rupees Six Hundred Forty One Only
8	200	300 to 350 m	Rmtr	755.0	Rupees Seven Hundred Fifty Five Only
9	320	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1263.0	Rupees One Thousand Two Hundred Sixty Three Only

T Gopinath Reddy

Signature of the contractor

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rate GOPINATH REDDY ( )	
				In Figures	In Words
10	72	Providing 250mm dia PVC Pipe 6kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1007.0	Rupees One Thousand Seven Only
11	4	Providing and fixing Borewell Cap & Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work	Set	1647.0	Rupees One Thousand Six Hundred Forty Seven Only
12	4	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work	No	58101.0	Rupees Fifty Eight Thousand One Hundred One Only
13	1280	GI Pipe 50 mm'B' class etc., complete and as per the directions of the Engineer-in-charge of the work	m	380.0	Rupees Three Hundred Eighty Only
14	216	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	165.0	Rupees One Hundred Sixty Five Only
15	4	Providing non-return valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	1647.0	Rupees One Thousand Six Hundred Forty Seven Only
16	4	Supplying and Fixing Out Door Panel up to 15 HP etc., complete and as per the directions of the Engineer-in-charge of the work	No.	14183.0	Rupees Fourteen Thousand One Hundred Eighty Three Only
17	2640	Submersible Cable 1x3x6.0 Sq.mm etc., complete and as per the directions of the Engineer-in-charge of the work	M	132.0	Rupees One Hundred Thirty Two Only
18	216	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	L	81.0	Rupees Eighty One Only
19	4	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. etc., complete and as per the directions of the Engineer-in-charge of the work	Each	267.0	Rupees Two Hundred Sixty Seven Only
20	136	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975GROUP-A 4 core 16 Sqmm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	137.0	Rupees One Hundred Thirty Seven Only
21	136	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	11.0	Rupees Eleven Only
22	120	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	70.0	Rupees Seventy Only

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23	16	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	307.0	Rupees Three Hundred Seven Only
24	4	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	247.0	Rupees Two Hundred Forty Seven Only
25	4	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia, etc., complete and as per the directions of the Engineer-in-charge of the work	No	2745.0	Rupees Two Thousand Seven Hundred Forty Five Only
26	24	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	159.0	Rupees One Hundred Fifty Nine Only
27	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN etc., complete and as per the directions of the Engineer-in-charge of the work	No	1569.0	Rupees One Thousand Five Hundred Sixty Nine Only
28	93600	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	0.32	and Thirty Two Paise Only
29	331.2	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	240.0	Rupees Two Hundred Forty Only
30	920	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	189.0	Rupees One Hundred Eighty Nine Only
31	138	Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	cum	2948.0	Rupees Two Thousand Nine Hundred Forty Eight Only
32	193.2	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200	Cum	94.0	Rupees Ninety Four Only
33	40	Providing Gate Valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	1647.0	Rupees One Thousand Six Hundred Forty

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30/07
Executive Engineer
Byarayanapura Division
BBMP, Bangalore-92

30/07